

**2M5 U2-U2 HP PN blue AM**

**COMPOSITION**

Conveying surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.20 mm	0.008 in.
	Surface pattern	PN	
	Colour	HP® blue	
	Coefficient of friction	MF	
Textile carcass	Material	Polyester (PET) - HP® system	
	Plies no.	2	
	Weft type	Rigid	
Driving surface	Material	Polyurethane (TPU) - HP® system	
	Thickness	0.20 mm	0.008 in.
	Surface pattern	Smooth	
	Colour	HP® blue	

**TECHNICAL SPECIFICATIONS**

Total thickness	1.85 mm	0.07 in.
Weight	1.70 kg/m <sup>2</sup>	0.35 lbs./sq.ft
Elongation at 1%	6 N/mm	34.0 lbs./in.
Max. admissible pull	12 N/mm	69.0 lbs./in.
Temperature resistance <sup>(1)</sup>	min.	-30 °C / -22 °F
	max.	110 °C / 230 °F

<sup>(1)</sup> Use of the belt with limit values may reduce its life.

Minimum radius / diameter <sup>(2)</sup>

- Knife edge minimum radius no
- Bending roller min. diameter 15 mm 0.59 in.
- Counter-bending roller min. diameter 30 mm 1.18 in.

<sup>(2)</sup> The above mentioned values depend on the type of CHIORINO joint recommended.

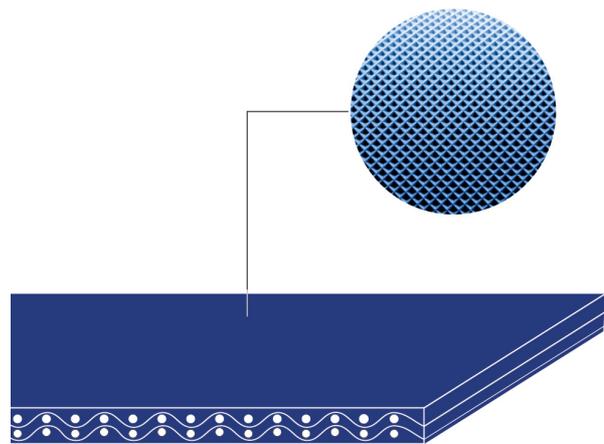
Coefficient of friction on driving surface

- Raw steel sheet 0.30 [-]
- Laminated plastic/wood 0.35 [-]
- Steel roller 0.30 [-]
- Rubberized roller 0.40 [-]

Max. production width 2000 mm 79 in.

**SUITABLE FOR**

- Food: biscuits and crackers
- Food: confectionery
- Food: seafood processing
- Food: dairy
- Food: meat and fish processing
- Fruits and vegetables



PRODUCT SYSTEM **HP<sup>®</sup> AM**

**FEATURES**

Humidity influence	no
Suitable to metal detector	yes
Permanent antistatic dynamically (UNI EN ISO 21179)	no
Static conductivity (UNI EN ISO 284)	no
Conveying on skid bed	no
Conveying on rollers	yes
Conveying on skid bed on top and return	no
Troughed conveying	no
Swan neck conveying	no
Inclined conveying	no
Accumulators belts	no
Curved conveyor	no
Chemical resistances <a href="#">link</a>	12

**COMPLIANCES**

- REACH EC 1907/2006 Regulation and Amendments
- EC 1935/2004 Regulation and Amendments
- EC 2023/2006 Regulation and Amendments
- EU 10/2011, 2024/3190 Regulation and Amendments
- FDA (Food and Drug Administration)
- HACCP (Hazard Analysis and Critical Control Points)



**NOTES**

Product valid until 31/08/2026

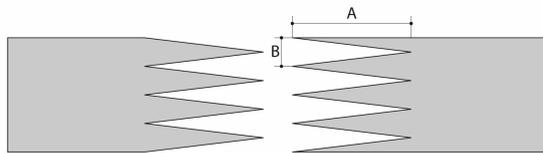
**DISCLAIMER**

The information contained in this document describes the features of the CHIORINO product as tested in a laboratory environment at a temperature of +23 degrees °C at 50% relative humidity. It does not necessarily reflect the conditions of industrial use and it does not guarantee the product to be suitable for certain applications. The client remains liable for the proper selection and correct use of the CHIORINO product. CHIORINO cannot be held responsible should damages arise from the use of its products. Necessary alterations to this data can be made without prior notice.

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**Recommended joining procedure**

SINGLE Z - 80 x 10 mm



A = 80 mm  
B = 10 mm

Other joining methods can be used:

- DIAGONAL SINGLE Z
- DOUBLE Z

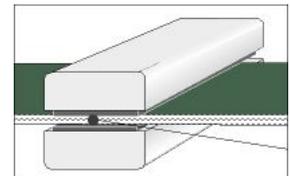
Check our general catalogue to get further info on CHIORINO joining methods.

**• Pressing**

Heating press **P \ PL \ PLS**

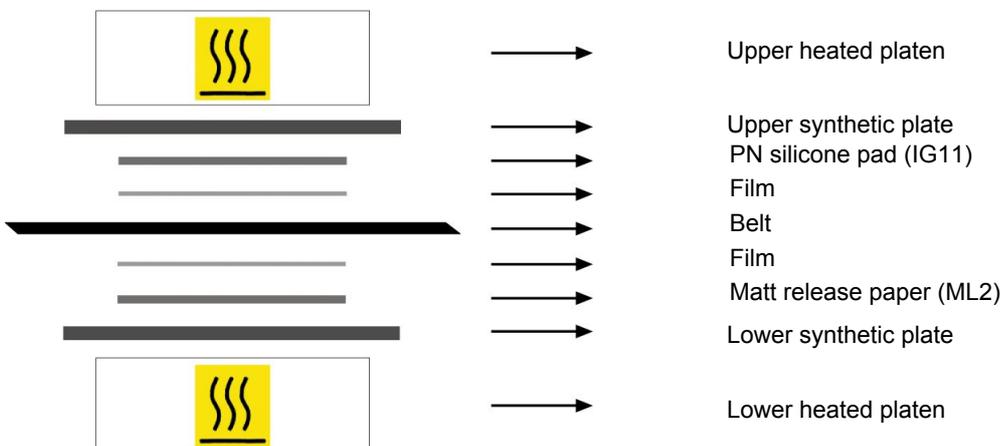
Press settings	
Upper platen temperature	155 °C
Lower platen temperature	160 °C
Temperature gauge setting	155 °C
Curing time in press	3 min.
Pressure	2,5 bar
Film	TC715 - Film PU HP blue AM
Cement	---

1. Use the KM330 thermometer to check the effective temperature inside the belt. Place the thermometer gauge as shown by the drawing at side.



2. Allow the cooling cycle to be completed before removing the belt from the press.
3. A reliable strength of the joint is ensured, providing that temperatures reached by the press are those indicated in the table at side. A periodical inspection of the thermostats is recommended, to make sure they function correctly.

**• Layout of components**



**• Notes**

PRODUCT CODE NA1761

Last Update: 02-10-2023

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